AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111
Serial Number: 10/786,678
Filing Date: February 25, 2004
Title: METHOD AND SYSTEM FOR CORRELATING AND COMBINING PRODUCTION AND NON-PRODUCTION DATA FOR
 ANALYSIS

Page 2
Dkt: 303.884US1

IN THE SPECIFICATION

Please amend the specification as follows:

Please amend the first paragraph on page 1 after the title:

CROSS REFERENCE TO RELATED APPLICATIONS

This patent application is related to U.S. Patent Application Serial Number 10/789,895 entitled METHOD AND SYSTEM FOR AGGREGATING AND COMBINING MANUFACTURING DATA FOR ANALYSIS, to Naoki Toyoshima and Yuko Maeda, assigned to Micron Technology, Inc., and incorporated herein by reference.

Please amend Table A on page 12, as follows:

Process	Time of Event	Sampled Value	Calculated Sampled Value assigned to Production Lot
Sample 1	$\underline{tS_1}$	S_1	
Lot 1	$\underline{tL_1}$		$\underline{L_1 = 1/(tS_2 - tS_1)\{S_1(tS_2 - tL_1) + S_2(tL_1 - tS_1)\}}$
Lot 2	$\underline{tL_2}$		
Lot-$_i$	tL_i		$\cancel{L_2}\ \underline{L_i} = 1/(tS_3 - tS_2)\{S_2(tS_3 - tL_2) + S_3(tL_2 - tS_2)\}$
Lot-$_{i+1}$	tL_{i+1}		
Lot-$_{i+2}$	tL_{i+2}		
Sample 2	$\underline{tS_2}$	S_2	
Lot $-_j$	tL_j	L_j	$L_j = 1/(tS_3 - tS_2)\{S_2(tS_3 - tL_j) + S_3(tL_j - tS_2)\}$
Lot $-_{j+1}$			
Lot $-_{j+2}$			
Lot $-_{j+3}$			
Lot $-_{j+4}$			
Lot $-_{j+5}$			
Lot $-_{j+6}$			
Sample 3	$\underline{tS_3}$	S_3	
Lot $-_k$	tL_k	L_k	$L_k = 1/(tS_4 - tS_3)\{S_3(tS_4 - tL_k) + S_3(tL_k - tS_3)\}$
Lot $-_{k+1}$			
Lot $-_{k+2}$			
Lot $-_{k+3}$			
Lot $-_{k+4}$			
Lot $-_{k+5}$			
Sample 4	$\underline{tS_4}$	S_4	
⋮	⋮	⋮	⋮